



<b>DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION</b>		Attorney Docket No.	ZCO-100
		First Named Inventor	Bredt
<b>COMPLETE IF KNOWN</b>			
		Application Serial Number	10/848,831
		Filing Date	May 19, 2004
		Group Art Unit	1772
		Examiner Name	Not yet assigned

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Thermoplastic Powder Material System for Appearance Models From 3D Printing Systems

*(Title of the Invention)*

the specification of which

is attached hereto

OR

was filed on May 19, 2004 as United States Application Serial Number or PCT International (MM/DD/YYYY)

Application Number 10/848,831 and was amended on (MM/DD/YYYY)   (*if applicable*).

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Serial Number(s)	Filing Date (MM/DD/YYYY)	
60/472,221	05/21/2003	<input type="checkbox"/> Additional provisional application serial numbers are listed on a supplemental priority data sheet attached hereto.

## Declaration and Power of Attorney for Utility or Design Patent Application

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**Declaration and Power of Attorney for Utility or Design Patent Application**

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Serial Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

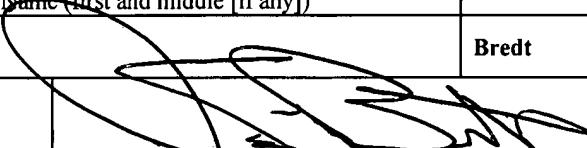
Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet attached hereto.

As a named inventor, I hereby appoint the registered patent practitioners associated with the following Customer Number as my/our attorney(s) and/or agent(s) to prosecute the above-identified patent application and any applications claiming priority thereto, and to transact all business in the United States Patent and Trademark Office connected therewith. I acknowledge that the list of registered patent practitioners associated with the Customer Number may be amended from time to time. In the event that I assign or am under an obligation to assign my entire right, title and interest in the above-identified patent application and the invention(s) disclosed therein to another ("Assignee(s)"), I hereby acknowledge that I relinquish my right to revoke this Power of Attorney. Further, I hereby authorize the registered patent practitioners associated with the following Customer Number to accept and follow instructions from the Assignee(s) as to any action to be taken in the United States Patent and Trademark Office regarding this application or any application claiming priority thereto without direct communication between the registered patent practitioner(s) and me.

**CUSTOMER NUMBER 021323**

Please direct all correspondence for the above-identified patent application to the address associated with the above Customer Number.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

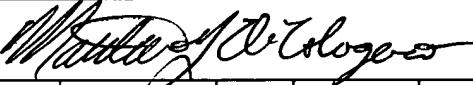
Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
James F.					Bredt			
Inventor's Signature							Date 7/30/04	
Residence	City	Watertown	State	MA	Country	USA	Citizenship	USA
Mailing Address	73 Templeton Parkway							
Mailing Address (ln. 2)	City	Watertown	State	MA	ZIP	02472	Country	USA
<input checked="" type="checkbox"/> Additional inventors are named on the next page.								
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) attached hereto.								

## Declaration and Power of Attorney for Utility or Design Patent Application

Serial No. 10/848,831

Atty. Docket No. ZCO-100

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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Sarah L.		Clark						
Inventor's Signature							Date 07/30/04	
Residence	City	Somerville	State	MA	Country	USA	Citizenship	USA
Mailing Address	20 Acadia Park #3							
Mailing Address (ln. 2)	City	Somerville	State	MA	ZIP	02143	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Derek X.		Williams						
Inventor's Signature							Date 7/30/04	
Residence	City	Exeter	State	NH	Country	USA	Citizenship	USA
Mailing Address	6 Pickpocket Road							
Mailing Address (ln. 2)	City	Exeter	State	NH	ZIP	03833	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Matthew J.		DiCologero						
Inventor's Signature							Date 7-30-04	
Residence	City	Stoneham	State	MA	Country	USA	Citizenship	USA
Mailing Address	6 Hill Street							
Mailing Address (ln. 2)	City	Stoneham	State	MA	ZIP	02180	Country	USA



**PATENT**  
Attorney Docket No. ZCO-100

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): *Bredt et al.*

SERIAL NO.: 10/848,831 GROUP NO.: 1772

FILING DATE: May 19, 2004 EXAMINER: Not yet assigned

TITLE: THERMOPLASTIC POWDER MATERIAL SYSTEM FOR  
APPEARANCE MODELS FROM 3D PRINTING SYSTEMS

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PATENT PRACTITIONERS OF RECORD UNDER 37 C.F.R. § 1.32(c)(3)**

Dear Sir:

Under 37 C.F.R. § 1.32 (c)(3), the following patent practitioners listed on the concurrently submitted Declaration and Power of Attorney For Utility or Design Patent Application should be recognized by the U.S. Patent and Trademark Office as being of record in the above-identified patent application to which the power of attorney is directed.

1.	Michael H. Brodowski	Registration No.	41,640
2.	Duncan A. Greenhalgh	Registration No.	38,678
3.	John J. Cotter	Registration No.	38,116
4.	Steven J. Frank	Registration No.	33,497
5.	Douglas J. Kline	Registration No.	35,574
6.	Christopher W. Stamos	Registration No.	35,370
7.	Robert J. Tosti	Registration No.	35,393
8.	Thomas A. Turano	Registration No.	35,722
9.	Christine C. Vito	Registration No.	39,061
10.	Natasha C. Us	Registration No.	44,381

The Patent Office is requested to contact the undersigned with any questions.

Respectfully submitted,

Date: September 13, 2004  
Reg. No. 44,381

Tel. No.: (617) 310-8327  
Fax No.: (617) 248-7100

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Natasha C. Us  
Natasha C. Us  
Attorney for Applicant(s)  
Testa, Hurwitz, & Thibeault, LLP  
High Street Tower  
125 High Street  
Boston, Massachusetts 02110